

**COVERED ELECTRODE FOR ARC WELDING**

Patent Number: JP63101093  
Publication date: 1988-05-06  
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Requested Patent: ☐ JP63101093  
Application Number: JP19860245481 19861017  
Priority Number(s):  
IPC Classification: B23K35/365  
EC Classification:  
Equivalents:

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**Abstract**

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**PURPOSE:**To reduce the moisture absorption amount of a coating material and to decrease the diffused hydrogen in a welding metal as well and to improve the conservation for long term by providing the resin film in specific thickness on the surface of the coating material.

**CONSTITUTION:**A coating material 3 is formed on the surface of a core wire 2 and a resin film 4 is formed on the surface of the coating material 3. The mixture of an arc stabilizer, gas generator, slag former, deoxidizer, alloy additive, binder, etc., is used as the coating material 3. For the material of the resin film 4 various thermoplastic resin and heat hardening resin are used. With the electrode of this composition the maintainability is improved.

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